

**What is claimed is:**

1. An inkjet printer ink cartridge comprising a plastic case, a top cover, a strainer, a spring and a rubber washer, wherein ink can be injected into a receptacle of the ink cartridge through ink inject holes of the top cover;  
5 the strainer is configured in a bottom of the receptacle, and a groove below the strainer provides for configuring the spring and the rubber washer therein, as well as connecting to a nozzle area of the printer; and is characterized in that:  
a siphon is configured within the receptacle of the Ink cartridge, and an  
10 opening of a lower extremity of the siphon realizes a mutual passage with the receptacle, while an upper extremity of the siphon realizes a mutual passage with air external to the ink cartridge; due to a siphon principle, leakage of the ink from area of the ink cartridge in contact with the nozzle area is prevented, furthermore, the ink is prevented from  
15 spilling from the siphon.
2. The inkjet printer ink cartridge according to claim 1, wherein the strainer is circumjacently configured with a plastic wall, such that when ink level of the ink within the receptacle is lower than level of the strainer, the plastic wall counterchecks the ink from leaking out.
- 20 3. The inkjet printer ink cartridge according to claim 1, wherein the siphon can be additionally peripherally configured with an inner tube and an outer tube, whereby an air hole is formed between the inner tube and the outer tube, and the air hole realizes a mutual passage with the siphon.
4. The inkjet printer ink cartridge according to claim 1, wherein the  
25 receptacle of the ink cartridge is not provided with sponge therein, and

the ink is injected into the receptacle by means of an ink filling instrument, and continually injected until the ink approaches a refill line, whereupon refilling is stopped.